

Montana Department of Fish, Wildlife & Parks
Fisheries Division

Job Performance Report
Survey Project

State Montana Study Title Investigation of More Important Waters
Project No. F-12-R-25 Job Title Georgetown Lake Management Survey
Job No. II-b
Period Covered July 1, 1978 - June 30, 1979

Objectives

Objectives of this job were: 1) To measure the characteristics of the angler harvest from the lake. 2) To measure the size of spawning kokanee and brook trout. 3) To monitor dissolved oxygen in the lake during periods of ice-cover. 4) To initiate efforts to sample angler preference toward several management alternatives for the fishery.

Accomplishments

Objective Number 1 was accomplished. Fourteen days of creel census were conducted on a random basis during the summer. An intensive creel census was conducted during the winter to yield estimates of total pressure and harvest.

Objective Number 2 was accomplished. Spawning adult kokanee and brook trout were collected from tributaries for length measurements.

Objective Number 3 was accomplished. Dissolved oxygen concentrations were measured under the ice three times during the winter at standard sampling stations.

Objective Number 4 was accomplished. Past creel and survey data was organized and presented to sportsman's groups to identify management alternatives that were biologically sound and acceptable to anglers. Design of a survey form was initiated.

All data collected is on file at the Montana Department of Fish, Wildlife & Parks Region Two headquarters or field office. This information will be presented in a progress report at the earliest possible date.

Prepared by James E. Vashro

Date December 4, 1979